

## REPLY

The Examiner objected to claims 2, 5 and 10 for various informalities. The claims have been amended to obviate the Examiner's objection.

The Examiner rejected claims 1-5 and 9-12 under 35 USC §103(a) as being unpatentable over Applicant's admitted prior art in view of Will et al.

However, the Examiner indicated claim 10 is allowable.

Will et al discloses a fluorescent lamp with an electrode surrounding by a metallic guard. A conductive path is established between the metallic guard and a conductor supplying voltage to the electrode. The electrical connection between the guard and the filament electrode established by the conductor increases the effective area of the electrode when it is positively biased, and operating as an anode. This reduces the anode fall and consequently the power required for lamp operation.

Claim 1 has been amended to more specifically recite that the bottom of the metal cup has a slot adapted to pass through the electrode support and that means for dispersing heat is attached to the bottom of the metal cup. Will et al does not disclose a bottom or a slot therein as well as means for dispersing heat attached to the bottom.

Claim 2 has been similarly amended.

Claim 5 has been amended to recite a cup having a bottom end

with a slot adapted to pass through the electrode support and an L-shaped cup support attached to the bottom of the cup and having a planar surface area. The relatively large planar surface area aids in dissipating heat and is not disclosed in Will et al. Will et al only discloses a round guard support.

Claim 12 has been similarly amended to recite a planar surface area.

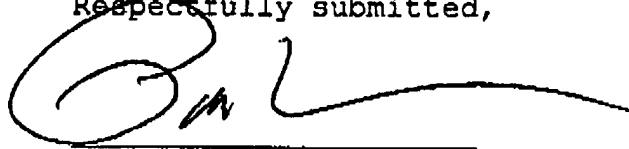
The Examiner indicated that it would have been obvious to one having ordinary skill in the art to modify the tanning lamp of A. A. P. A. with the structure that Will et al teaches for a florescent lamp to reduce lamp power dissipation. However, Will et al has no bottom, and there would be no motivation to attach means for dissipating heat to the bottom of the metal cup as recited in claims 1 and 2. Additionally, there is no motivation within Will et al to form an L-shaped cup support attached to the bottom of the cup and having planar surface area, as recited in claim 5. The planar surface area aids in dissipating heat, which increase the life of the lamp. Will et al in teaching an electrical connection to reduce the power required for lamp operation, is not the same as dissipating heat once the heat has been generated as a result of power dissipation.

New claims 13-15 have been added and are dependant on allowed claim 10. Therefore, new claims 13-15 should be allowable.

The proposed amendments are necessary to obviate the rejection of the Examiner and could not have been earlier presented due to the Examiner's new ground of rejection.

Therefore, it is respectfully requested that the Examiner reconsider the present application, enter the proposed Amendment and Reply After Final and indicate additional allowable subject matter.

Respectfully submitted,



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